Technology Needs for Classroom/Curricular Requirements

Finalized 1/2019 (Review Date: 1/2020)

Elementary Schools – Recommended Model

KN	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
Six 2:1 per classroom for interventions (rotating schedule) • ST Math • iStation • Myon Preferred for STAR and MAP Needed for OSMO	Six computers per classroom for interventions and independent reading (rotating schedule) • ST Math • iStation • Myon	Six computers per classroom for interventions and independent reading (rotating schedule) • ST Math • iStation • Myon	Six computers per classroom for interventions and independent reading (rotating schedule) • ST Math • iStation • Myon	Six computers per classroom for interventions and independent reading (rotating schedule) • ST Math • iStation • Myon	Eight computers per classroom for core Science technology needs and interventions and independent reading (rotating schedule) • ST Math • iStation • Myon
Three computers for assistive/supple-mental programs in ESE-SC classrooms	Three computers for assistive/supple-mental programs in ESE-SC classrooms	Three computers for assistive/supple-mental programs in ESE-SC classrooms	Three computers for assistive/supple-mental programs in ESE-SC classrooms	Three computers for assistive/supple-mental programs in ESE-SC classrooms	Three computers for assistive/supple-mental programs in ESE-SC classrooms

For assessment needs, the recommendation is that each elementary school have two labs to appropriately schedule for assessment windows including Common Assessments, EOC, FAIR, FSA, iStation, and ST Math (ideally, one for primary with 18 computers and one for intermediate grades with 22 computers).

Middle Schools – Recommended Model - Finalized 1/2019 (Review Date: 1/2020)

6th Grade ELA	7th Grade ELA	8th Grade ELA
Read 180 Requires 7-9 computers for rotations per period	***Read 180*** Requires 7-9 computers for rotations per period	***Read 180*** Requires 7-9 computers for rotations per period
Reading – single block intensive - with Technology Component Requires 7-9 computers for rotations per period	***Reading – single block intensive - with Technology Component*** Requires 7-9 computers for rotations per period	***Reading – single block intensive - with Technology Component*** Requires 7-9 computers for rotations per period
6th Grade Math	**7th Grade Math**	**8th Grade Math**
Intensive Math – requires 11 computers – half the class	**Intensive Math** – requires 11 computers – half the class	**Intensive Math** – requires 11 computers – half the class
		***Carnegie Geometry Honors** – requires 25 computers, 20-25% of the time
Four computers per ESE SC classroom 6-8th		*For identified students (strongly recommend that the same teacher be assigned to Algebra 1 Regular & Geometry Honors)
Grade 6 -8th World Languages One Language Lab/teacher unit		
6th Grade Science 5-6 student stations per teacher (preferably 6) 1 mobile cart dedicated to 6th grade science (May also be an iPad cart)	**7th Grade Science** 5-6 student stations per teacher (preferably 6) 1 mobile cart dedicated to 7th grade science (May also be an iPad cart)	**8th Grade Science** 5-6 student stations per teacher (preferably 6) 1 mobile cart dedicated to 8th grade science (May also be an iPad cart)

- One mobile lab of 22 devices for every six core teachers per school to meet curriculum needs.
- Middle School Social Studies Grades 6-8 – While computers are not mandatory for Social Studies, we do have resources that help with preparation for the Civics EOC – floridastudents.org, iCivics, and the Florida Joint Center for Citizenship student friendly website civics360.org. Advanced 8th-grade classes also heavily rely on the use of internet research for the National History Day project. We recommend the following choices.
    - 1. Every teacher has 3-4 student stations. floridastudents.org, iCivics and civics360.org are only available online; those sites can be easily used as part of station work.
    - 2. A dedicated mobile lab for Social Studies that can be checked out by teachers.
- 7th Grade Health Education, curricula content should be displayed for students through streaming technology. Health Education teachers need a computer, internet access, and a screen to project content.
- 8th Grade Wellness Education, curricula content should be displayed for students through streaming technology. Wellness Education teachers need a computer, internet access, and a screen to project content.
- Physical Education, a tablet per teacher is recommended for attendance and assessment purposes.
- For assessment needs, the recommendation is that each middle school have 1-9 labs of 25 computers to appropriately schedule for assessment windows including Common Assessments, EOC, FAIR, and FSA.

High Schools – Recommended Model - Finalized 1/2019 (Review Date: 1/2020)

9th Grade ELA	**10th Grade ELA**	**11th Grade ELA**	**12th Grade ELA**
Khan Academy ELA Integration 7-9 computers weekly practice	Khan Academy ELA Integration 7-9 computers weekly practice	Khan Academy ELA Integration 7-9 computers weekly practice	Khan Academy ELA Integration 7-9 computers weekly practice
Reading for College Success Requires 7-9 computers for rotations per period ELA department carts for Write Score cycle assessments	***Reading for College Success*** Requires 7-9 computers for rotations per period ELA department carts for Write Score cycle assessments	***Reading for College Success*** Requires 7-9 computers for rotations per period Khan Academy ELA Integration 7-9 computers weekly practice	***Reading for College Success*** Requires 7-9 computers for rotations per period Khan Academy ELA Integration 7-9 computers weekly practice
9th Grade Math	**10th Grade Math**	**11th Grade Math**	**12th Grade Math**
Algebra 1A/1B – requires 30 computers per two teachers, 30% of the time	Algebra 1A/1B – requires 30 computers per two teachers, 30% of the time		**MCR, Financial Algebra, Algebra 2** SAT Practice and ACT Practice – requires 30 computers per teacher 20% of the time
Algebra 1	**Algebra 1**		
Algebra IA/1B – requires 30 computers per two teachers, 30% of the time	Algebra I – requires 30 computers per teacher, 20% of the time		
Algebra 1 – requires 30 computers per teacher, 20% of the time	Liberal Arts – requires 30 computers per teacher, 20% of the time	Liberal Arts – requires 30 computers per teacher, 20% of the time	
Geometry – requires 30 computers per teachers, 20% of the time	Geometry – requires 30 computers per two teachers, 20% of the time	Geometry – requires 30 computers per two teachers, 20% of the time	
All 9-12 Math CR	**All 9-12 Math CR**	**All 9-12 Math CR**	**All 9-12 Math CR**
30 computers for every six sections	30 computers for every six sections	30 computers for every six sections	30 computers for every six sections
9-12th Grade World Languages One Lang. Lab/teacher unit			

- Four computers for every self-contained ESE classroom per school.
- For course recovery, one Grad Point lab with 30 computers per school.
- For AP Capstone, one laptop lab for every six sections of AP Capstone Seminar and AP Research.
- One mobile lab of 25 devices for every six core teachers per school to meet curriculum needs.
- For assessment needs, the recommendation is that each high school have 3-11 labs of 25 computers to appropriately schedule for assessment windows including Common Assessments, EOC, FAIR, and FSA.
- For Future Plans implementation, the Education Foundation has provided 25-30 computers (depending upon the dedicated space per school) for the completion of these plans for all 10th graders (being implemented through HOPE classes).